



Department of Energy

Portsmouth/Paducah Project Office
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JUN 26 2012

Ms. Susan Hedman, Regional Administrator
U.S. Environmental Protection Agency
Region 5
77 West Jackson Blvd., Mail Code: R-19J
Chicago, IL 60604-3507

PPPO-03-1479826-12

Ms. Gina McCarthy, Assistant Administrator
U.S. Environmental Protection Agency
Office of Air and Radiation
Ariel Rios Building, Mail Code: 6101A
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Dear Ms. Hedman and Ms. McCarthy:

NATIONAL EMISSIONS STANDARDS FOR HAZARDOUS AIR POLLUTANTS, RADIONUCLIDE EMISSIONS REPORT FOR CALENDAR YEAR 2011

Enclosed is a submitted report in accordance with 40 CFR 61.94 (Subpart H) for airborne emissions from the U.S. Department of Energy (DOE) Portsmouth Gaseous Diffusion Plant (PORTS) during calendar year (CY) 2011. Due to the transition activities described below, the report has several additional tables due to the addition of vents from the process buildings. In the next reporting period, an effort will be made to better streamline the report and consolidate sources wherever possible.

DOE owns the PORTS site, which has radionuclide air emissions from DOE operations. DOE leases a portion of the site to the United States Enrichment Corporation (USEC), whose operations also have radionuclide air emissions. DOE and USEC operations were included in the estimate of dose to the public for radionuclide emissions from the PORTS site; however, DOE certifies the information relating to its operations only.

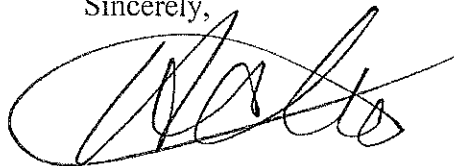
At various times, USEC has returned some of the leased facilities to DOE. For some of these deleased facilities, DOE had contracted with USEC for operations and other work related to the PORTS facilities until Fluor-B&W Portsmouth, LLC (FBP) assumed responsibility. For this reporting period, DOE contracted with USEC to operate and maintain the deleased process buildings and feed complexes until March 29, 2011 when FBP assumed responsibility. Also in this reporting period, USEC deleased the "Balance of Plant" facilities (remaining deleased gaseous diffusion plant buildings) on September 30, 2011 and FBP assumed responsibility on that date. In addition to the deleasing activities related to USEC, the environmental remediation activities and

waste management activities were transitioned from LATA/Parallax Portsmouth, LLC to FBP on March 29, 2011 due to the end of their contract with DOE.

The enclosed certified report addresses the emissions from the DOE operations only; however, it also includes the total dose value associated with both DOE and USEC, Inc. operations conducted at PORTS. The total dose value was derived by adding the DOE calculated dose with the dose value supplied to DOE by USEC, Inc. USEC, Inc. will be submitting a separate National Emissions Standards for Hazardous Air Pollutants (NESHAP) report addressing the radionuclide emissions from USEC, Inc. operations. The combined dose to the most exposed individual resulting from both DOE and USEC, Inc. operations was calculated at 0.032 millirem (mrem) for CY 2011, which is below the regulatory standard of 10 mrem per year.

If you have any questions, please contact Amy Lawson of my staff at (740) 897-2112.

Sincerely,



Dr. Vincent Adams
Portsmouth Site Director
Portsmouth/Paducah Project Office

Enclosure:

Certified copy of the annual Radiological NESHAP Report

cc w/enclosure:

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